



Village of Menomonee Falls
 W156 N8480 Pilgrim Road
 Menomonee Falls, WI 53051-3140
 Telephone: (262) 532-4200

5-15-14

STORMWATER MANAGEMENT FACILITIES OPERATION AND INSPECTION REPORT

Quarter Section SE 4 26 Name of Business/Subdivision SUPER EXCAVATORS
 Property Tax ID Number MNFV0101020001 Address of Property N 59 W 14374 BOBOLINK AVE
 Date 5-27-14 MENOMONEE FALLS WI
53051

Dry Pond	<input checked="" type="checkbox"/>
Wet Pond	<input type="checkbox"/>
Other	<input type="checkbox"/>

Location of Pond NE CORNER OF PROP

Pond ID: SWP 265 001
STORMCATCHER 265 002

Year Pond Constructed 8-12-03 Year of Last Certification _____

Compliance Verification	Design	Actual	Compliant		Comments (Condition of Structure)
			Yes	No	
Primary Outlet Pipe					Outlet Pipe Material
Opening Diameter (inches)	8"	8"	✓		GOOD
Upstream Invert	775.00	775.03	✓		
Downstream Invert	774.30	774.38	✓		
Length (feet)	237.0	237.39	✓		
Slope (%)	.3090	.2790	✓		
Secondary Outlet Pipe (If Applicable)					
Opening Diameter (inches)					
Upstream Invert					
Downstream Invert					
Length (feet)					
Slope (%)					
Riser (If Applicable)					
Opening Diameter (inches)					
Elevation					
Upper Discharge Control (If Applicable)					
Opening Diameter (inches)					
Elevation					

Compliance Verification	Design	Actual	Compliant		Comments	
			Yes	No		
Lower Discharge Control	(If Applicable)					
Opening Diameter (inches)	8"	8"	✓			
Elevation	775.0	775.03	✓			
Other (Description)						
Opening Type and Size (inches)	12" STORMceptor	775.80	✓			
Elevation	775.92	775.90	✓			
Emergency Spillway						
Elevation						
Length of spillway (feet)						
Embankment	Present		Comments/Maintenance Requirements			
	Yes	no				
Unauthorized Plantings, trees, or woody vegetation		✓				
Animal burrows or slope erosion		✓				
Storm Sewer Outfalls	Type & Size		Location		Comments	
Outfall 1						
Outfall 2						
Outfall 3						
Storage Properties	Design	Actual	Compliant		Not Applicable	Equipment Used
			Yes	No		
Normal Water Elevation (Wet Ponds)						TRIMBEL GPS ROVER
Design High Water Elevation	778.0	778.18	✓			
Area at Normal Water Elevation (Ac) (Wet Ponds)						
Area at Design High Water Elevation (Ac)	.052	.0525	✓			
Active Storage Available (Ac-Ft)*						
Lowest Elevation at Top of Embankment (If Applicable)	778.0	778.18	✓			
Average Elevation at Top of Embankment (If Applicable)	778.0	778.18	✓			
Maximum Bottom Elevation	776.0	776.03	✓			
Average Pond Bottom Elevation	775.5	775.53	✓			
Pond Bottom Area (Ac)	.010	.014	✓			
Maximum Pond Depth	3.0	3.15	✓			
Average Pond Depth	2.5	2.65	✓			
Average Permanent Pool Depth (Wet Ponds)						

*To Determine Active Storage $V=H/3(A1+A2+(A1 \times A2)^{1/2})$
Wet Ponds Use H = Height of Section, $A1$ = area at normal water elevation, $A2$ = area at top section
Dry Ponds Use H = Height of Section, $A1$ = pond bottom area, $A2$ = area at top section

8.2 INLET



8" OUTLET



DETENTION POND



DETENTION POND



10" STORM OUTLET IN POND



STORMCEPTOR CATCH BASIN / MANHOLE





STORMCEPTOR MANHOLE

12" STORM CEPTOR OUT FALL

